

Title (en)

Method and program for setting threshold, and method, program and device for detecting target object

Title (de)

Verfahren und Programm zur Schwelleneinstellung sowie Verfahren, Programm und Vorrichtung zur Zielobjekterfassung

Title (fr)

Procédé et programme de réglage de seuil, procédé, programme et dispositif de détection d'objet cible

Publication

EP 2423705 B1 20140226 (EN)

Application

EP 11172666 A 20110705

Priority

JP 2010153798 A 20100706

Abstract (en)

[origin: US2012007766A1] This disclosure provides a method of setting a threshold according to a level of an echo signal of an unused component. The echo signals are generated by transmitting and receiving a radio wave with an antenna while the antenna revolves. The method of setting the threshold includes calculating a difference value between a level of the echo signal at an observing position and a level of the echo signal at a position comparatively on the antenna side and close to the observing position, selecting a process for setting a threshold from either one of a first threshold setting process and a second threshold setting process according to the difference value, and updating the threshold for the observing position by using the selected threshold setting processing.

IPC 8 full level

G01S 7/292 (2006.01); **G01S 13/937** (2020.01)

CPC (source: EP US)

G01S 7/2927 (2013.01 - EP US); **G01S 13/937** (2020.01 - EP US)

Cited by

CN107942308A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 2012007766 A1 20120112; **US 8564474 B2 20131022**; CN 102331572 A 20120125; CN 102331572 B 20150909; EP 2423705 A1 20120229; EP 2423705 B1 20140226; JP 2012017996 A 20120126; JP 5697911 B2 20150408

DOCDB simple family (application)

US 201113176684 A 20110705; CN 201110188099 A 20110706; EP 11172666 A 20110705; JP 2010153798 A 20100706